



PIDG

TE Internal #: 53550-1
Butt Splice, 12 – 10 AWG, 3 – 6 mm² Wire, 5180 – 13100 CMA, Fully Insulated, Serrated, Copper, 42.07 mm [.22 in] Length, Loose Piece, PIDG

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Terminals & Splices > Splices > PIDG Butt Splices



Splice Type: **Butt Splice**
Wire Size: **3 – 6 mm²**
Sealable: **No**
Splice Features: **Serrated**

[All PIDG Butt Splices \(25\)](#)

Features

Product Type Features

Splice Type	Butt Splice
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Product Weight	10 g
Insulation Material	PVF2
Insulation Support Sleeve Material	Copper
Splice Features	Serrated

Contact Features

Military Part Class	Class I
Terminal Plating Material	Tin-Lead
Contact Base Material	Copper
Barrel Type	Closed



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
Compatible Insulation Diameter Range	5.59 mm[.22 in]
Barrel Inside Diameter	3.28 mm[.129 in]
Product Length	42.07 mm[.22 in]

Usage Conditions

Insulation Option	Fully Insulated
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Industry Standards

Government Qualified Splice	Yes
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Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products



will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

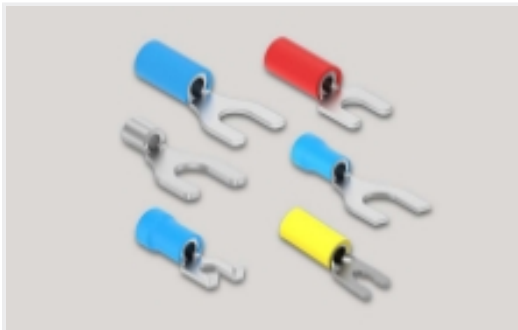
Compatible Parts

Also in the Series | PIDG

Compression Connectors(50)	Crimp Wire Pins, Tabs & Ferrules(39)	Knife Disconnects(11)	Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)

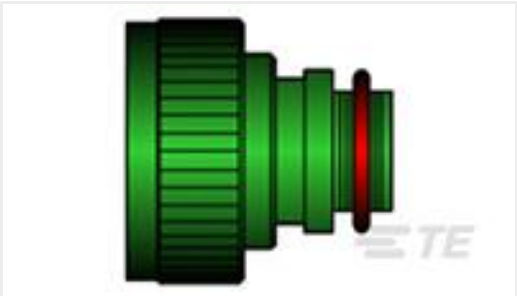


Special Purpose Terminals(1)

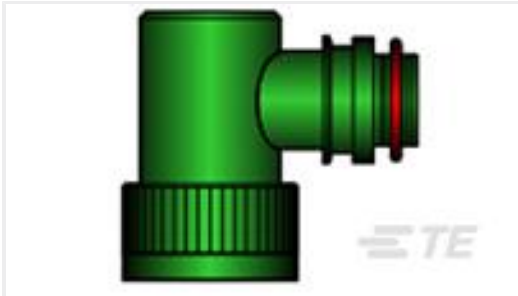


Splices(41)

Customers Also Bought



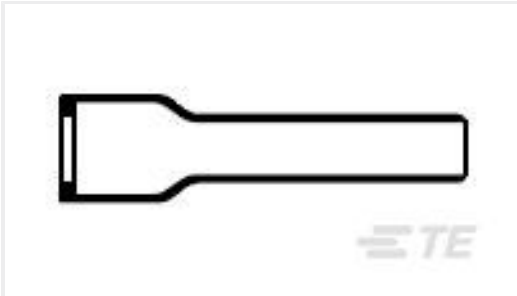
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TXR40AB00-1610BI



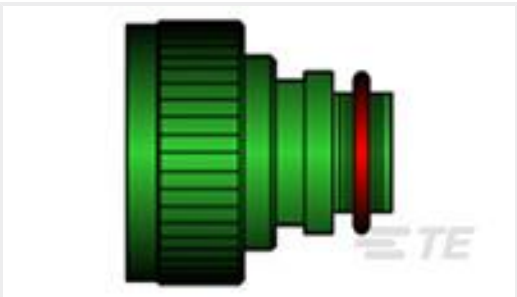
TE Part #952393-000
TXR40AB90-1410BI



TE Part #549865-000
CWT-1502



TE Part #814405-000
202D242-4-0



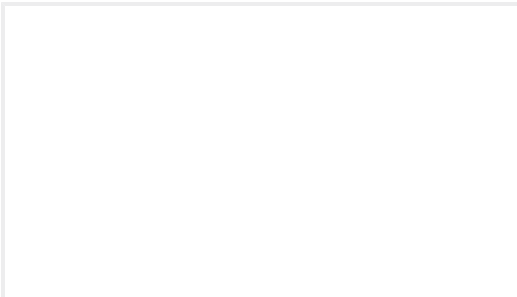
TE Part #224455-000
TXR40AB00-2420BI



TE Part #CAT-P592-R472
PIDG Radiation Resistant C Rings /Spades



TE Part #696429-1
SPLICE BUTT PVF2 PIDG 12-10



TE Part #1841-1-2620
CONT PIN



TE Part #6485470001
CM-SCE-1/4-4H-9

Documents

Product Drawings

SPLICE BUTT PVF2 PIDG 12-10

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_53550-1_M.3d_igs.zip

53550-1

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English

Customer View Model

[ENG_CVM_53550-1_M.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53550-1_M.2d_dxf.zip](#)

English

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Product Specifications

Application Specification

English